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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

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Application Number	10/026815
Filing Date	12/27/2001
First Named Inventor	Brian G. Rennex
Art Unit	3764
Examiner Name	(suggested) D. Potkier
Attorney Docket Number	

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Examiner
Signature

Date Considered

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Suggested D. Pothier

Attorney Docket Number

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Running Aids Claims Strategy -final 12/27-2001

1st Independent Claim [Running Aid- orthoses]

1 * brace leg (rigid) * asymmetric-travel brace foot * harness*foot/hip coupling

2 > spring & guide means

3 >> reflex bow

4 >> perpendicular bow

5 >> pulley bucky-bow

6 >>> mech. advantage

7 >>> single bow

8 >> reservoir air spring >>> air pump

10 > active + passive (use spring to slow down active)

11 >swing-phase length-change means and lock

12 >> guaranteed release

13 >>> knee-pivot lock

14 >>>> hyper-extended knee lock (presumed 2-bar)

15,16 >>>>> heel coupling >>>>> knee tether

17,18 >>>>> toe-lift 4-bar >>>>> prosthetic 4-bar

19 >>>>> hyperlocker

20 >>>>>> leg-swing-keyed hyperlocker

21 >>>>>> self hyperlocker

>low-eccentricity straightener

22 >>>>> pinched-bladder no-bounce mechanism

23 >>> variable-angle lock ---

24 >>>> tibia pivot lock for guaranteed release

25 >>> lockable slider

26 >>> lockable hydraulic slider with knee pivot

27 >>> lockable hydraulic slider

28 >>> simple slider

29 >>> lockable hydraulic slider

30 >>> front/back brace leg

31 >>> front/back pack extension

* asymmetric-travel brace foot

32 >curved surface

33 > retractable ends

34 >> full-stance foot trigger

351 > foot-coupling guaranteed release

* harness 36-46 > pre-snug > load-tightening * foot coupling *hip coupling

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